

INTRODUCTION TO THE VETIVER SYSTEM

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The Vetiver System (VS) is based on the use of a unique grass species, (*Vetiveria zizanioides* L.) for various applications. VS was first developed by the World Bank for soil and water conservation in agricultural lands in the 1980's. The Vetiver Network (www.vetiver.org) with the support of the World Bank, the King of Thailand, the Royal Danish Government and several Foundations, has encouraged, supported the R&D and promoted the application of VS world wide through its global network. One of the outstanding successes of its R&D is the applications of VS in environmental protection. The following are examples of these applications.

Agriculture: Soil Erosion Control



Vetiver contour hedge

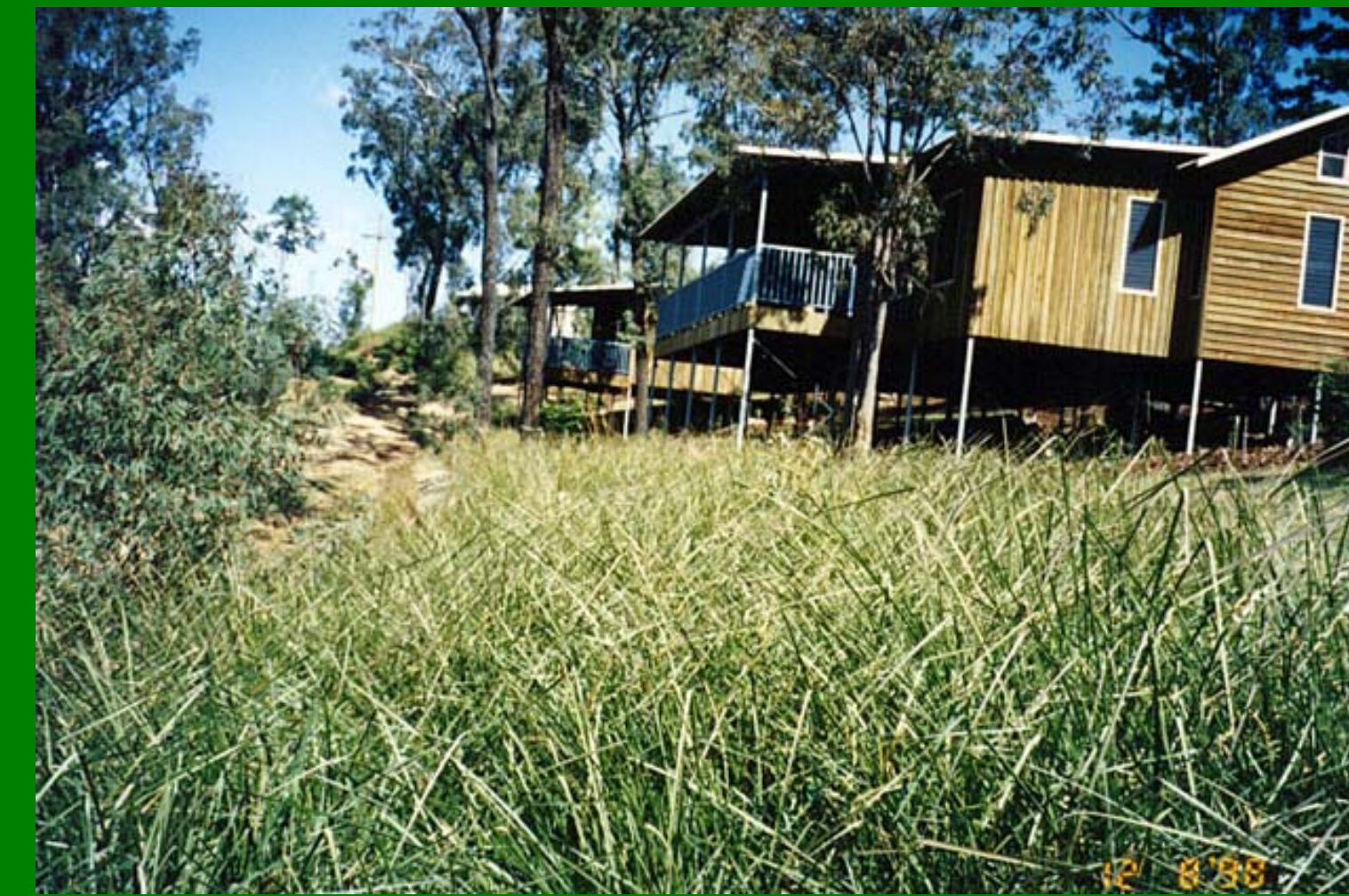
Soil conservation, soil trapped above vetiver hedge in India

Infrastructure Protection



Highway batter stabilisation in El Salvador

Environmental Protection



Domestic wastewater treatment in Australia



Septic effluent disposal system in Australia



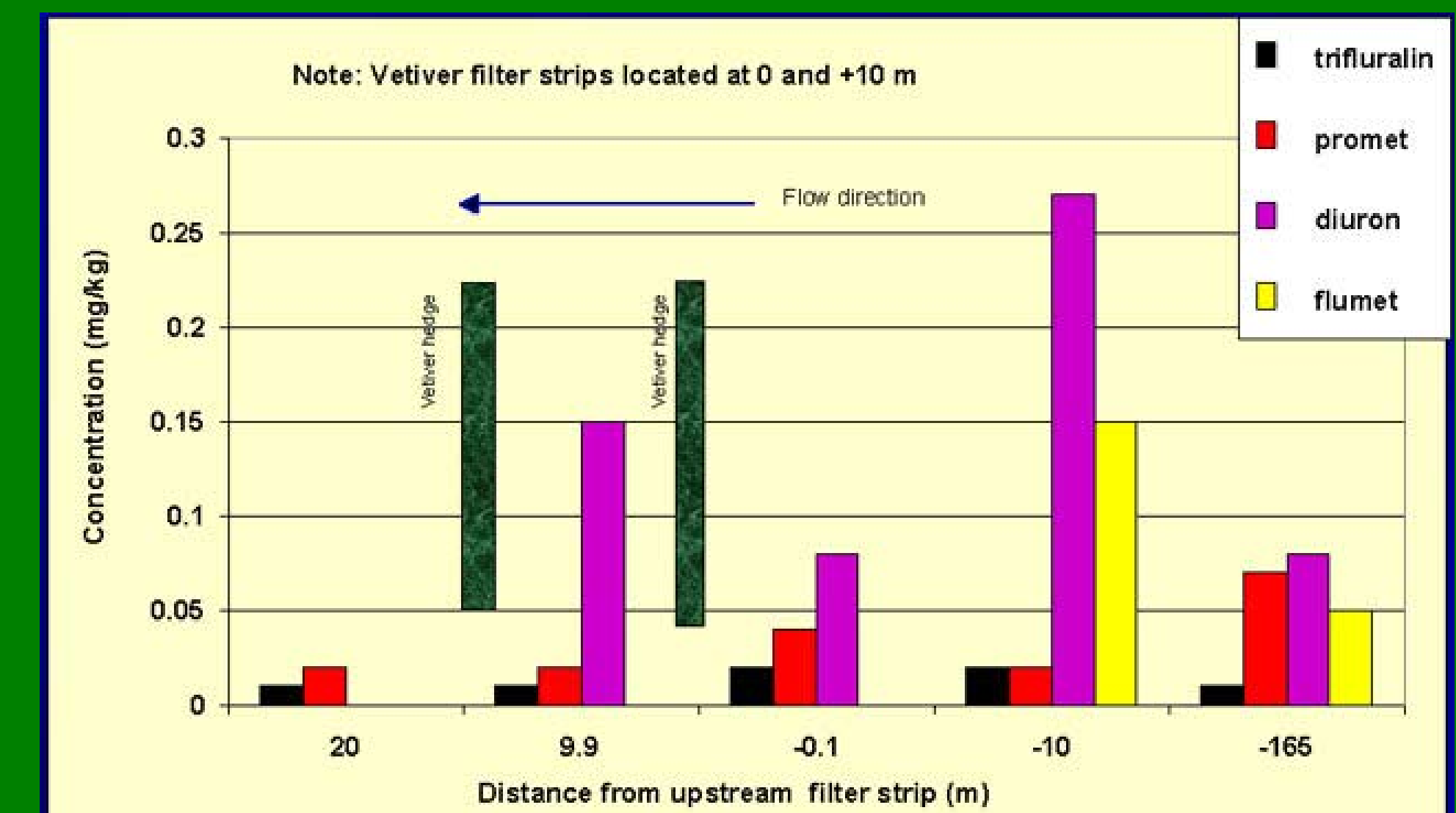
Protection against flood erosion in Australia



Riverbank stabilisation in Malaysia



Bio retention in farm land in Australia



Bio-filter in farm land in Australia

Mine and Quarry Rehabilitation



Coal mine waste rehabilitation in Australia



Quarry rehabilitation in China

Landscaping



Garden hedges in Australia



Decontamination of polluted water in Vietnam